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Attorney Docket: CORDL-02.PCT/US

BEFORE THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: (1) Riccardo Brun del Re
(2) Izmail Batkin
(3) Wayne Young
August 25, 2000
Filed: 10/049,675
Serial No: PCT/CA00/00981
Int'l. Appln. No.: (1) Riccardo Brun del Re
Inventors: (2) Izmail Batkin
(3) Wayne Young
Title: ELECTRIC FIELD SENSOR
Confirm. No. 7724
Our File: CORDL-02.PCT/US

February 9, 2004

By fax 703-872-9306 only

The Commissioner of Patents and Trademarks,
P.O. Box 1450
Alexandria, VA
22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

The applicant encloses one article and three patents as listed in the IDS form.

- 1) Review of Science & Instruments (Clippingdale et al) Vol. 65(1) January 1994, pp 269-70
- 2) US 3,880,146 Everett et al
- 3) US 3,882,846 Fletcher et al

4) US 4,602,639 Hoogendoorn

Please charge the required fee of \$180.00 for acceptance of this IDS to deposit account 51669.

Discussion

The 1994 Clippingdale article refers to the detection of electrostatic fields at a distance. It does not refer to forming a voltage divider network that includes a return electrode for coupling to a body and thereby forming a closed circuit that incorporates the voltage divider. Further no reference is made to the presence of "an RC filter with a low-frequency cut-off of at least 0.05 hertz" as provided in claim 1.

US 3,880,146 describe a dual electrode differential pick-up, but does not rely on a capacitive pickups operating in a "stand-off" configuration.

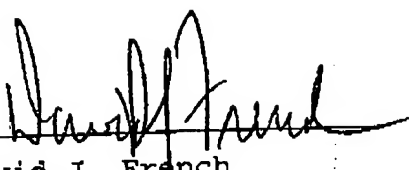
US 3,882,846 describes a capacitive pickup electrode, but does not refer to the presence of the RC filter limitation, nor does it refer to operating with low capacitive coupling, in the "stand-off" regime. Capacitance values listed in Table 1 are outside this regime.

US 4,602,639 describes a contact less pick-up for sensing charge concentrations. This reference does not contemplate use of a voltage divider network with a return electrode for coupling to a body to create a closed circuit. No reference is made to an RC filter element.

Respectfully,

Riccardo Brun del Re et al

Per


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#11

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/049,675
Filing Date	25 August 2000
First Named Inventor	Riccardo Brun Del Re
Art Unit	3736
Examiner Name	
Attorney Docket Number	CORDL-02.PCT/US

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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Signature _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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